



Digital Media Adapter

Access and share your media on your home network

Digital Media Adapters (DMAs) enable the consumer to enjoy music, photos, videos stored on home network on their TVs and/or HiFi. The AwoX customizable DMA gives partners these standard features, plus the ability to access Internet and services on TVs throughout home.



Partner benefits

Benefits best-in-class solution, fast time to market, flexibility and value.

- > Provide best-in-class performance experience to your customers.
- > Create your dedicated products with a fast time to market.
- > Choose your network connectivity, user interface, remote control unit, storage and much more.

End user benefits

Interoperability, comfort and convenience.

- > User-friendly and familiar control interface on TV.
- > Seamless network connectivity thanks to DLNA 1.5 compliance.
- > Support common multimedia formats.
- > Comprehensive coverage of mobile & portable storage connectivity.
- > High definition and legacy TV/Audio connectivity.

Specifications

Hardware architecture

- > Highly integrated TI DaVinci TM320DM644X. with ARM926ESJ CPU and C64x+ DSP
- > Up to 128MB flash memory.
- > Up to 256MB DDR RAM.

Storage

- > Internal hard disk drive via ATA interface*.
- > SD/MMC* card reader.
- > Up to 4 USB 2.0* port for storage devices.

Digital Media Format Supported

- PHOTO | JPEG, TIFF, BMP, PNG, GIF.
- AUDIO | LPCM, WAV, MPEG Layer I&II, MP3, AAC, WMA.
- VIDEO | MPEG-1, MPEG-2, MPEG-4, DivX, XviD, WMV9.

Output

- > Composite & S-Video.
- > Component Y/Pr/Pb
- > HDMI*: up to 1080i HD.
- > 2-channel analogue.
- > 5.1-channel compatible digital S/PDIF* optical or coaxial audio output.

Network

- > 10 /100 base-T wired ethernet.
- > Wireless 802.11b/g networking* with WEP / WPA / WPA2 support.

Advanced Features

- > Digital terrestrial TV tuner.
- > Analog video input for record & time shift.
- > LCD display screen.

DLNA server and client networking

- > DLNA 1.5. Digital Media Renderer, Digital Media Server & Digital Controller.
- > Seamless connection thanks to AutoIP - DHCP switch.

Online content services

- > Internet Radio**.
- > Weather**.
- > Electronic Program Guide**.
- > Internet HTML Browser.

PC software requirements

- > Processor speed 800MHz or higher.
- > At least 256MB RAM.
- > Wireless or wired ethernet network interface.
- > Microsoft Windows 2000/XP.

Box content

- > Manufactured & tested digital media adapter.
- > AwoX PC software CD.
- > Remote control unit (standard, universal, learning, RF).
- > User manual & set-up poster.
- > Network cable.
- > Audio/Video cables.

**optional specifications according to PCB population options*

***optional specifications according to service content agreement*

INTEROPERABLE MULTI-ROOM ENTERTAINMENT

- > Interoperability with PCs, network attached storages, mobile phones, portable media players (,etc..) designed to DLNA guideline.
- > Automatic discovery of home network content.
- > Seamless switch between wired & wireless networks.

MEDIA PLAYER

- > Access to content from multiple servers.
- > Display on multiple renderers.
- > Photo viewer with slideshow and simultaneous audio playback.
- > Play, record live stream coming from a locally controlled-tuner or from an external analog input.
- > Browse Internet from your TV.

MEDIA SERVER

- > Aggregate, browse and share media available on local storage in compliance with UPnP/DLNA guidelines.
- > Run your dedicated applications, access online Internet services when your PC is off.
- > Distribute and control live stream via UPnP.

HOME SERVER AND SYSTEM SET-UP

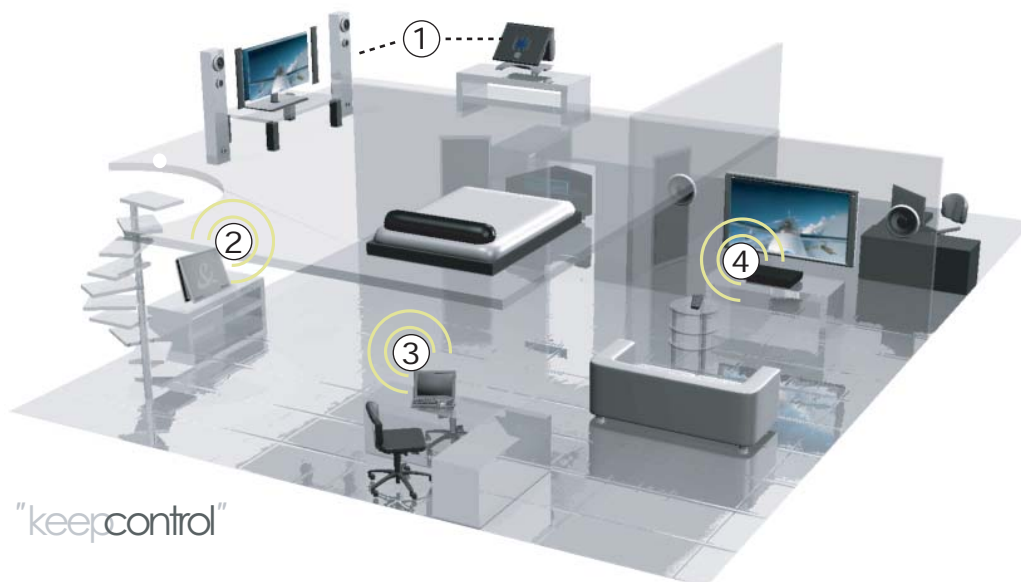
- > The DMA reference design ships with AwoX's software as an installable application for Windows 2000/XP for every PC at home. This software is not required for PC with Microsoft Media Center edition.
- > AwoX software features a server for content indexing and service delivery to multiple clients, as well as a controller for launching music or movie anywhere.
- > Quick install and set-up application gets devices connected and operational in minutes.

DLNA & UPnP COMPLIANT

AwoX is the home networking partner of Texas Instrument as well as a strong proponent of standards for digital home entertainment devices. AwoX is a proud member of the UPnP Forum & Digital Living Network Alliance.



Easy to install and use thanks to universal plug'n play technology.



- (1) **Plug** your Digital Media Adapter to your TV
- (2) **Select** your ADSL WiFi Box and enter your WEP key if needed
- (3) **Discover** automatically media on your PCs
- (4) **Access** your media anywhere on additional digital media adapters